



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of BOX A : RESPONSE UNDER 37 CFR 1.116  
Edwin SOUTHERN : EXPEDITED PROCEDURE

Serial No. 07/695,682 : EXAMINING GROUP 1807

Filed May 3, 1991

RECEIVED Group Art Unit 1807

MAR 14 1994 Examiner A. Marschel

ANALYZING POLYNUCLEOTIDE GROUP 1800

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

RESPONSE TO FINAL REJECTION

Honorable Commissioner of Patents and Trademarks,  
Washington, D.C. 20231

Sir:

In response to the Final Rejection dated October 19,  
1993, the period for response having been extended for 2 months  
by the attached Petition, please amend the present application as  
follows:

1018X  
3-16-94  
M28  
NOT ENTERED  
3-24-94  
DO  
AM

IN THE CLAIMS

Claims 1, 2, 8 and 9, cancel without prejudice to the  
subject matter thereof and add the following claims in their  
place.

--25. An apparatus for analyzing a polynucleotide,  
comprising a support and attached to a surface of said support,  
oligonucleotides of defined sequence and of different lengths or  
sequences, said oligonucleotides of different lengths or  
sequences being capable of taking part in hybridization  
reactions, said oligonucleotides of different lengths or  
sequences being attached to different locations on the surface of  
said support.

26. A method of analyzing a polynucleotide by the use  
of a support to the surface of which are attached  
oligonucleotides of defined sequence, said oligonucleotides  
being capable of taking part in hybridization reactions, said  
oligonucleotides being attached to different locations on the  
surface of said support, which method comprises applying the

16 C. f. 1  
B. W. M. 3.15.94  
(NE)